

Weekly Report

08/10/2015 - 08/16/2015

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August 17, 2015

1 Summary

This week I mainly focus on the DataScanner project.

2 Projects

2.1 Project 1 - DataScanner1

This week I implemented two features and fixed one visualization bug. Firstly I added a column summary view (see figure below), which covers dimension names, data types as well as basic statistics of the column in the summary view.

Secondly, to avoid view charts overlapping with the tree, I spared another archive view where users can attach the view charts there (see figure below).

Third, I fixed the z-index bug of relation view. Because the relation view is a mixer of canvas and svg, their z-index cannot be synchronized. setting z-index of SVG does not work because their depth is determined by the order of the DOM elements. I modified the relation view back to canvas.

3 Paper Reading and Miscellaneous

I reviewed the VHPC paper.

4 To Do List

1. Go on with DataScanner system implementation
2. Start paper writing

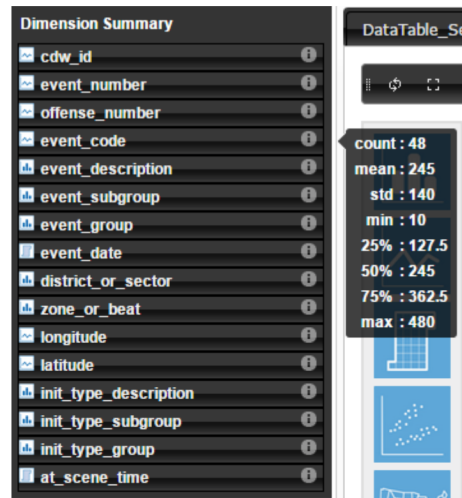


Figure 1: The column summary view with basic statistics of “event_code” highlighted.

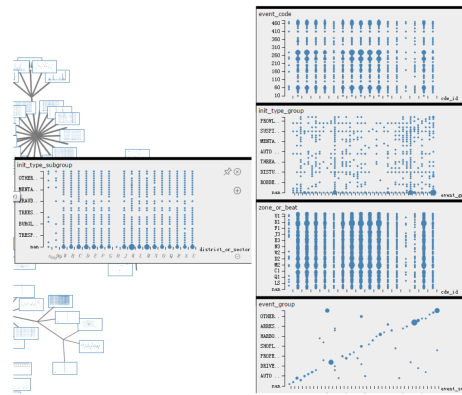


Figure 2: The archive view implementation. Charts originally over the tree can be attached to the archive view by clicking the “plus” icon.